

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (USA)  
(INCLUDING DESIGN PATENT APPLICATIONS)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **Catalytic reactor and process**

the specification of which is attached hereto, unless the following box is checked:

☐ was filed on 27 November 2003 as United States Application Number or PCT International Application  
Number PCT/GB03/05198 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed:

PCT/GB02/05443 PCT 2 December 2002  
(Number) (Country) (Day/Month/Year Filed)

Priority Claimed  
☒ Yes ☐ No

03 14790.7 United Kingdom 25 June 2003  
(Number) (Country) (Day/Month/Year Filed)

Priority Claimed  
☒ Yes ☐ No

☐ Additional applications identified on attached sheet.

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

\_\_\_\_\_  
(Application Number) (Filing Date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

\_\_\_\_\_  
(Application Serial Number) (Filing Date) (Status) (patented, pending, abandoned)

\_\_\_\_\_  
(Application Serial Number) (Filing Date) (Status) (patented, pending, abandoned)

☐ Additional applications identified on attached sheet.

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

William H. Holt, Reg. No. 20766; D. Peter Hochberg, Reg. No. 24603; Howard M. Ellis, Reg. No. 25856; David J. Serbin, Reg. No. 30589

Direct all telephone calls to **WILLIAM H. HOLT, Telephone Number: (703) 491-8880**  
Address all correspondence to **LAW OFFICES OF WILLIAM H. HOLT, 12311 Harbor Drive, Woodbridge, VA 22192**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of Sole or First Inventor <b>Michael Joseph BOWE</b>	Inventor's Signature <i>Michael Joseph BOWE</i>	Date <b>13th April 2005</b>
Residence <b>Preston, Lancashire, United Kingdom</b>		Citizenship <b>British</b>
Post Office Address <b>c/o Accentus plc, Patents Dept, 329 Harwell, Didcot, Oxfordshire OX11 0QJ, United Kingdom</b>		
Full name of Second Joint Inventor <b>Clive Derek LEE-TUFFNELL</b>	Inventor's Signature <i>Clive Derek LEE-TUFFNELL</i>	Date <b>27th April 2005</b>
Residence <b>Poole, Dorset, United Kingdom</b>		Citizenship <b>British</b>
Post Office Address <b>c/o Accentus plc, Patents Dept, 329 Harwell, Didcot, Oxfordshire OX11 0QJ, United Kingdom</b>		
Full name of Third Joint Inventor	Inventor's Signature	Date
Residence		Citizenship
Post Office Address		

☐ See attached sheet for similar information and signatures for additional joint inventors.

**LAW OFFICES OF WILLIAM H. HOLT, 12311 HARBOR DRIVE, WOODBRIDGE, VA 22192**

**Box No. VIII (iv) DECLARATION: INVENTORSHIP** (only for the purposes of the designation of the United States of America)  
*The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.*

**Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
 for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: .....

.....  
 I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

BOWE Michael Joseph

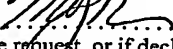
Name: .....  
 Preston, Lancashire, United Kingdom

Residence: .....  
 (city and either US state, if applicable, or country)

Mailing Address: .....  
 c/o Accentus plc, Patents Dept, 329 Harwell, Didcot, Oxfordshire OX11 0QJ, United Kingdom

British

Citizenship: .....

Inventor's Signature:  .....  
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: 26.11.03 .....  
 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: .....

Residence: .....  
 (city and either US state, if applicable, or country)

Mailing Address: .....

Citizenship: .....

Inventor's Signature: .....  
 (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: .....  
 (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

☐ This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".

**Continuation of Box No. VIII (i) to (v) DECLARATION**

*If the space is insufficient in any of Boxes Nos. VIII (i) to (v) to furnish all the information, including in the case where more than two inventors are to be named in Box No. VIII (iv), in such case, write "Continuation of Box No. VIII ..." (indicate the item number of the Box) and furnish the information in the same manner as required for the purposes of the Box in which the space was insufficient. If additional space is needed in respect of two or more declarations, a separate continuation box must be used for each such declaration. If this Box is not used, this sheet should not be included in the request.*

**CONTINUATION OF BOX VIII(iv)**

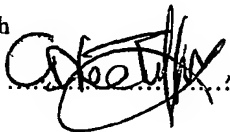
Name: LEE-TUFFNELL Clive Derek

Residence: Poole, Dorset, United Kingdom

Mailing Address: c/o Accentus plc, Patents Dept, 329 Harwell, Didcot, Oxfordshire OX11 0QJ,  
United Kingdom

Citizenship: British

Inventor's Signature



Date: 26.11.03

**Box No. VIII (iii) DECLARATION: ENTITLEMENT TO CLAIM PRIORITY**

*The declaration must conform to the standardized wording provided for in Section 213; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iii). If this Box is not used, this sheet should not be included in the request.*

Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):

In relation to this international application GTL Microsystems AG is entitled to claim priority from the earlier applications Nos. GB 03 14790.7 and PCT/GB02/005443 by virtue of the following:

- (iv) Assignments from Accentus plc to GTL Microsystems AG dated 10<sup>th</sup> November 2003..
- (ix) This declaration is made for the purposes of all designations.

☐ This declaration is continued on the following sheet, "Continuation of Box No. VIII